

Claims

1. A bladefast assembly for a cutting saw comprising:

a hollow tubular housing member;

a shaft member extending coaxially through said tubular housing member, said shaft member having at least one end extending outwardly of said tubular housing member;

at least one bearing member disposed in surrounding relation to a portion of said shaft member;

means for sealing around said at least one end of said shaft member as it extends outwardly of said tubular housing member;

a pulley member mounted on said at least one end of said shaft member extending outwardly of said tubular housing member;

a tapered fit formed cooperatively between said pulley member and said at least one end of said shaft member so as to enable a press fit relation between said pulley member and at least end of said shaft member; and,

wherein first and second gauge points are formed respectively between said pulley member and said at least one end of said shaft member, said first and second gauge points engaging one another so as to establish a predetermined placement of said pulley member on said at least one end of said shaft member.

2. A bladefast assembly for a cutting saw comprising:

a hollow tubular housing member;

a shaft member extending coaxially through said tubular housing member, said shaft member having at least one end extending outwardly of said tubular housing member;

at least one bearing member disposed in surrounding relation to a portion of said shaft member;

a pulley member mounted on said at least one end of said shaft member extending outwardly of said tubular housing member;

a cover seal member disposed on at least one end of said tubular housing member in a sealed surrounding relation to said at least one end of said shaft member, said cover seal member being effective so as to seal a space within said tubular housing member wherein said at least one bearing member is disposed;

a shaft slinger member disposed in cooperative adjacent relation to said cover seal member, said shaft slinger member and said cover seal member having a labyrinth path formed therebetween; and,

wherein a re-lubrication path is formed in one of said cover seal member and said shaft slinger member so as to allow the introduction of lubrication into said labyrinth and thereby expunge any contaminant material disposed therein.